L1 HAS NO ANSWERS L1 STR

N

Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SEARCH INITIATED 15:22:30 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 1144 TO ITERATE

100.0% PROCESSED 1144 ITERATIONS 8 ANSWERS SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 20851 TO 24909 PROJECTED ANSWERS: 8 TO 329

L2 8 SEA SSS SAM L1

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FULL SCREEN SEARCH COMPLETED - 23310 TO ITERATE

100.0% PROCESSED 23310 ITERATIONS 101 ANSWERS SEARCH TIME: 00.00.01

L3 101 SEA SSS FUL L1

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COST IN U.S. DOLLARS SINCE FILE TOTAL ENTRY SESSION

FULL ESTIMATED COST 196.86 197.09

FILE 'CAPLUS' ENTERED AT 15:22:40 ON 15 JUL 2011

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FILE COVERS 1907 - 15 Jul 2011 VOL 155 ISS 4 FILE LAST UPDATED: 14 Jul 2011 (20110714/ED) REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2011

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2011

CAplus now includes complete International Patent Classification (IPC) reclassification data for the first quarter of 2011.

CAS Information Use Policies apply and are available at:

http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate substance identification.

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4 L3 L4

=> d abs bib hitstr 1-4

ANSWER 1 OF 4 CAPLUS COPYRIGHT 2011 ACS on STN L4

It has been shown that the reaction of enamines of the AB

1,2,3,4-tetrahydroisoguinoline series and

1,2,3,4-tetrahydrobenzo[f]isoquinoline series with p-bromophenacyl bromide leads to pyrrolo[2,1-a]isoquinoline derivs. The same heterocyclic system is obtained on interaction of 1-alky1-3,4-dihydroisoguinolines or their benzo[f]-analogs with oxalyl chloride. The obtained dioxopyrrolines form derivs. of benzo[q]quinoxalino[2,3-b]indolizine on condensation with o-phenylenediamine.

AN 2007:1353092 CAPLUS

DN 149 - 425763

- TI Enamines of the 1,2,3,4-tetrahydroisoguinoline series in the Chichibabin synthesis of pyrrolo[2,1-a]isoquinolines and in reaction with oxalyl
- AII Polygalova, N. N.; Mikhailovskii, A. G.; Vikhareva, E. V.; Vakhrin, M. I. CS Perm State Pharmaceutical Academy, Perm, 614990, Russia

SO. Chemistry of Heterocyclic Compounds (New York, NY, United States) (2007), 43(7), 900-905

CODEN: CHCCAL; ISSN: 0009-3122

PB Springer

DT Journal LA English

CASREACT 149:425763 OS

1065656-67-8P 1065656-69-0P 1065656-72-5P ΙT

RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation of pyrrolo[2,1-a]isoquinoline derivs. via heterocyclization of enamines of tetrahydro(benzo[f])isoquinolines with bromophenacylbromide

or heterocyclization of alkyldihydro(benzo[f])isoquinolines with oxalyl chloride)

RN 1065656-67-8 CAPLUS

CN Methanone, [2-(4-bromophenyl)-5,6-dihydro-8,9-dimethoxy-5,5-dimethylpyrrolo[2,1-a]isoquinolin-1-yl]-1-pyrrolidinyl- (CA INDEX NAME)

RN 1065656-69-0 CAPLUS

CN Methanone, [2-(4-bromophenyl)-5,6-dihydro-5,5-dimethylpyrrolo[2,1-a]isoquinolin-1-yl]-4-morpholinyl- (CA INDEX NAME)

RN 1065656-72-5 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 2-(4-bromophenyl)-5,6-dihydro-5,5-dimethyl-, ethyl ester (CA INDEX NAME)

OSC. G THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS) RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

ANSWER 2 OF 4 CAPLUS COPYRIGHT 2011 ACS on STN L4

The invention relates to pyrrolodihydroisoguinolines I [R1 = halo, nitro, AB amino, alkyl, hydroxy, alkoxy, etc.; R2 = H, halo or alkoxy; R3 = H or alkoxy; two of R1-R3 may combine to form alkylenedioxy; R4 = H, F, C1, alkyl, CF3, cyclopropyl, cyano, carbalkoxy, etc.; R41, R51 = H or alkyl; R5 = H, F or alkyl; R4 and R5 may form an alkylene bridge; R6 = amino, formyl or (un) substituted alkyl; R7 = (hetero) aryl; R8 = oxadiazolyl or oxazolyl], including salts and stereoisomers, which are efficacious inhibitors of PDE10 and are useful in the treatment of the central nervous system disorders, diabetes, etc. Thus,

(6,7-dimethoxy-3-methyl-3,4-dihydro-2H-isoquinolin-1-ylidene)acetic acid Me ester was treated with nitroethane and

4-hydroxy-3,5-dimethylbenzaldehyde and then N-hydroxyacetamidine to afford II. Exemplified compds., including II, were assayed for inhibition of PDE10A, showing -logIC50 (mol/1) values of 7.76-9.08 in the phosphodiesterase scintillation proximity assay.

AN 2006:888395 CAPLUS

DN 145:271658

- TΙ Preparation of pyrrolodihydroisoguinolines as phosphodiesterase 10 (PDE10) inhibitors
- Vennemann, Matthias; Baer, Thomas; Braunger, Juergen; Ciapetti, Paola; TN Contreras, Jean-Marie; Wermuth, Camille Georges
- PA Altana Pharma AG, Germany
- PCT Int. Appl., 61pp. SO
- CODEN: PIXXD2 Patent
- DT
- LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006089815	A1	20060831	WO 2006-EP50167	20060111
	W: AE. AG. AL.	AM. AT.	AU, AZ, BA,	BB. BG. BR. BW. BY.	BZ. CA. CH.

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CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
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     AU 2006218054
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                                            JP 2007-549915
     JP 2008526818
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                                                                    20060111
     US 20080161338
                          A1
                                20080703
                                            US 2007-794497
                                                                    20070816
PRAI EP 2005-100154
                                20050112
                          Α
     WO 2006-EP50167
                          TaT
                                20060111
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
    CASREACT 145:271658; MARPAT 145:271658
IT
     907604-82-4P 907604-83-5P
                                  907604-84-6P
     RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
     (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
```

(preparation of pyrrolodihydroisoquinolines as PDE10 inhibitors)

Phenol, 4-[5,6-dihydro-8,9-dimethoxy-3,5-dimethyl-1-(3-methyl-1,2,4-

oxadiazol-5-yl)pyrrolo[2,1-a]isoquinolin-2-yl]-2,6-dimethyl- (CA INDEX NAME)

907604-82-4 CAPLUS

(Uses)

RN

RN 907604-83-5 CAPLUS

CN Phenol, 4-[1-(3-cyclopropyl-1,2,4-oxadiazol-5-yl)-5,6-dihydro-8,9-dimethoxy-3,5-dimethylpyrrolo[2,1-a]isoquinolin-2-yl]-2,6-dimethyl- (CA INDEX NAME)

RN 907604-84-6 CAPLUS

CN Phenol, 4-[5,6-dihydro-8,9-dimethoxy-3,5-dimethyl-1-(3-phenyl-1,2,4-oxadlazol-5-yl)pyrrolo[2,1-a]isoquinolin-2-yl]-2,6-dimethyl- (CA INDEX NAME)

IT 823820-65-1P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of pyrrolodihydroisoquinolines as PDE10 inhibitors)
RN 823820-65-1 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid,

5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-3,5-dimethyl-, methyl ester (CA INDEX NAME)

OSC.G THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS) RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

ANSWER 3 OF 4 CAPLUS COPYRIGHT 2011 ACS on STN L4

- Title compds. I [wherein R1 = halo, nitro, amino, alkyl, hydroxyl or AB (cyclo) alkoxy; R2 = H, halo or alkoxy; R3 = H or alkoxy; R4 = H, F, C1, alkyl, CF3, cyclopropyl, cyano, ester or (un)substituted methoxy; R41 = H or alkyl; R5 = H, F or alkyl; R51 = H or alkyl; R6 = amino, formyl or (un) substituted alkyl; R7 = (hetero) aryl; R8 = alkyl, Ph, cyano, or carbonyl; etc., or their salts, stereoisomers , hydrates and hydrates of the salts of these compds.] were prepared as cyclic 3',5'-nucleotide phosphodiesterase (PDE10) inhibitors. For exampled, (6,7-dimethoxy-3,4-dihydro-2H-isoquinolin-1-ylidene)acetonitrile was reacted with nitroethane and 4-hydroxy-3,5-dimethylbenzaldehyde to afford II. Exemplified compds. including II showed inhibition against PDE10A with logIC50 (mol/1) values of 7.01 - 9.58 in the phosphodiesterase scintillation proximity assay. Therefore, I and pharmaceutical compns. thereof are useful in the treatment of the central nervous system disorders, diabetes, neurol, and/or psychiatric disorders, or in the
- AN 2005:29331 CAPLUS
- DN 142:113920
- ΤТ Preparation of pyrrolodihydroisoquinolines as cyclic 3',5'-nucleotide phosphodiesterase (PDE10) inhibitors
- Maier, Thomas; Graedler, Ulrich; Gimmnich, Petra; Ouintini, Gianluca; TN Ciapetti, Paola; Contreras, Jean-Marie; Wermuth, Camille Georges; Vennemann, Matthias; Baer, Thomas; Braunger, Juergen
- PA Altana Pharma A.-G., Germany

regulation of fertility.

- SO PCT Int. Appl., 124 pp.
- CODEN: PIXXD2
- DT Patent
- LA English
- FAN.CNT 2

PATENT NO. KIND DATE APPLICATION NO. DATE

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PT WO 2005003129
                                20050113 WO 2004-EP51307 20040630
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    AU 2004253690
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20090402 JP 2006-516197
20090731 NZ 2004-544591
20100915 AT 2004-741932
20060830 ZA 2005-9267
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     IN 222777
                         A1 20080926
PRAI EP 2003-14424
                         A 20030630
W 20040630
     WO 2004-EP51307
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
    CASREACT 142:113920; MARPAT 142:113920
     823819-99-4P, 2-(4-Hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-
    3,5,5-trimethyl-5,6-dihydropyrrolo[2,1-a]isoquinoline-1-carboxylic acid
     ethvl ester
                  823820-00-4P,
     2-(3,4,5-Trimethoxyphenyl)-8,9-Dimethoxy-3,5,5-trimethyl-5,6-
     dihydropyrrolo[2,1-a]isoguinoline-1-carboxylic acid ethyl ester
     823820-01-5P, 2-[3-(4-Chlorophenoxy)phenyl]-8,9-dimethoxy-3,5,5-
     trimethyl-5,6-dihydropyrrolo[2,1-a]isoquinoline-1-carboxylic acid ethyl
            823820-02-6P, 2-(3-Dimethylaminophenyl)-8,9-dimethoxy-
     ester
    3,5,5-trimethyl-5,6-dihydropyrrolo[2,1-a]isoquinoline-1-carboxylic acid
     ethyl ester 823820-03-7P 823820-04-8P.
     5-Ethyl-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-3-methyl-5,6-
    dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid ethyl ester
                   823820-08-2P 823820-09-3P,
     823820-07-1P
     8,9-Dimethoxy-3,5-dimethyl-2-naphthalen-1-yl-5,6-dihydro-pyrrolo[2,1-
     alisoquinoline-1-carboxvlic acid ethvl ester 823820-15-1P
     823820-16-2P 823820-17-3P 823820-18-4P,
     2-(Naphthalen-1-v1)-3-(2-methoxycarbonylethyl)-5-methyl-8,9-dimethoxy-5,6-
     dihydropyrrolo[2,1-a]isoquinoline-1-carboxylic acid ethyl ester
     823820-25-3P, 3-[1-Cyano-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-
     dimethoxy-5-methyl-5,6-dihydropyrrolo[2,1-a]isoquinolin-3-yl]propionic
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acid methyl ester
                    823820-26-4P,
2-(4-Hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-3,5-dimethyl-5,6-
dihydropyrrolo[2,1-a]isoquinoline-1-carbonitrile 823820-28-6P.
7-Fluoro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-3,5-dimethyl-5,6-
dihydropyrrolo[2,1-a]isoquinoline-1-carbonitrile
                                                  823820-32-2P.
8,9-Dimethoxy-2-(4-methoxy-3,5-dimethylphenyl)-3,5-dimethyl-5,6-
dihydropyrrolo[2,1-a]isoquinoline-1-carbonitrile 823820-44-6P
823820-46-8P 823820-47-9P,
4-(1-Cvano-8,9-dimethoxy-3,5-dimethyl-5,6-dihydropyrrolo[2,1-a]isoguinolin-
2-v1)benzoic acid 823820-48-0P.
2-(4-Aminophenyl)-8,9-dimethoxy-3,5-dimethyl-5,6-dihydropyrrolo(2,1-
a]isoquinoline-1-carbonitrile 823820-50-4P,
4-(1-Cyano-8-ethoxy-9-methoxy-3,5-dimethyl-5,6-dihydropyrrolo[2,1-
alisoquinolin-2-vl)benzoic acid 823820-51-5P,
2-(4-Hydroxy-2-methylphenyl)-8,9-dimethoxy-3,5-dimethyl-5,6-
dihydropyrrolo[2,1-a]isoquinoline-1-carbonitrile 823820-52-6P,
4-(1-Cyano-8,9-dimethoxy-3,5-dimethyl-5,6-dihydropyrrolo[2,1-a]isoquinolin-
2-yl) benzamide 823820-53-7P,
8-Ethoxy-2-(4-hydroxy-3,5-dimethylphenyl)-9-methoxy-3,5-dimethyl-5,6-
dihydropyrrolo[2,1-alisoquinoline-1-carbonitrile 823820-57-1P
823820-58-2P, Morpholine-4-sulfonic acid
[4-(1-cyano-8,9-dimethoxy-3,5-dimethyl-5,6-dihydropyrrolo[2,1-
alisoquinolin-2-vl)phenvllamide 823820-59-3P.
N-[4-(1-Cyano-8,9-dimethoxy-3,5-dimethyl-5,6-dihydropyrrolo[2,1-
a]isoquinolin-2-v1)phenv1]methanesulfonamide 823820-60-6P,
5-Ethyl-2-(2-fluoro-3,4-dimethoxyphenyl)-8,9-dimethoxy-3-methyl-5,6-
dihydropyrrolo[2,1-a]isoguinoline-1-carboxylic acid ethyl ester
823820-62-8P, 7-Chloro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-
dimethoxy-3,5-dimethyl-5,6-dihydropyrrolo[2,1-a]isoquinoline-1-carboxylic
acid ethyl ester
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2-(4-Hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-3,5-dimethyl-5,6-
dihydropyrrolo[2,1-a]isoquinoline-1-carboxylic acid methyl ester
823820-67-3P, 5-Cyano-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-
dimethoxy-3-methyl-5,6-dihydropyrrolo[2,1-a]isoquinoline-1-carboxylic acid
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1-(Ethoxycarbonyl)-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-5-methyl-
3-[2-(methoxycarbonyl)ethyl]-5,6-dihydropyrrolo[2,1-a]isoquinoline
823820-70-8P, 1-(Ethoxycarbonyl)-2-(4-hydroxy-3,5-dimethylphenyl)-
8,9-dimethoxy-5-methyl-3-methyl-7-fluoro-5,6-dihydropyrrolo[2,1-
alisoquinoline
                823820-71-9P.
1-Cvano-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-5-methyl-3-[2-
(methoxycarbonyl)ethyl]-7-fluoro-5,6-dihydropyrrolo[2,1-a]isoquinoline
823820-72-0P, 1-(Ethoxycarbonyl)-2-(4-hydroxy-3,5-dimethylphenyl)-
8,9-dimethoxy-5-methyl-3-[2-(methoxycarbonyl)ethyl]-7-fluoro-5,6-
dihydropyrrolo[2,1-a]isoquinoline
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(methoxycarbonyl)ethyl]-5,6-dihydropyrrolo[2,1-a]isoquinoline
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8,9-dimethoxy-5-cvano-3-[2-(methoxycarbonyl)ethyl]-5,6-dihydropyrrolo[2,1-
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1-Cyano-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-5-cyano-3-methyl-7-
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823820-82-2P, 1-Cvano-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-
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a]isoquinoline
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(methoxycarbonyl)ethyl]-7-chloro-5,6-dihydropyrrolo[2,1-a]isoquinoline
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chloro-5,6-dihydropyrrolo[2,1-a]isoquinoline 823820-92-4P,
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3-methyl-7-chloro-5,6-dihydropyrrolo[2,1-a]isoquinoline
823820-93-5P, 1-Cyano-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-
dimethoxy-5-cyano-3-[2-(methoxycarbonyl)ethyl]-7-chloro-5,6-
dihydropyrrolo[2,1-a]isoguinoline 823820-94-6P.
1-(Ethoxycarbonyl)-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-5-cyano-
3-[2-(methoxycarbonyl)ethyl]-7-chloro-5,6-dihydropyrrolo[2,1-
alisoquinoline 823820-95-7P.
1-(Methoxycarbonyl)-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-5-
methyl-3-[2-(methoxycarbonyl)ethyl]-5,6-dihydropyrrolo[2,1-a]isoquinoline
823820-96-8P, 1-(Methoxycarbonyl)-2-(4-hydroxy-3,5-dimethylphenyl)-
8,9-dimethoxy-5-methyl-3-methyl-7-fluoro-5,6-dihydropyrrolo[2,1-
alisoquinoline 823820-97-9P.
1-(Methoxycarbonyl)-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-5-
methyl-3-[2-(methoxycarbonyl)ethyl]-7-fluoro-5,6-dihydropyrrolo[2,1-
a]isoquinoline
                823821-00-7P,
1-(Methoxycarbonvl)-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-5-cyano-
3-methyl-5,6-dihydropyrrolo[2,1-a]isoquinoline 823821-01-8P,
1-(Methoxycarbonyl)-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-5-cyano-
3-[2-(methoxycarbonyl)ethyl]-5,6-dihydropyrrolo[2,1-a]isoquinoline
823821-02-9P, 1-(Methoxycarbonyl)-2-(4-hydroxy-3,5-dimethylphenyl)-
8,9-dimethoxy-5-cyano-3-methyl-7-fluoro-5,6-dihydropyrrolo[2,1-
a]isoquinoline
                823821-03-0P,
1-(Methoxycarbonyl)-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-5-cyano-
3-[2-(methoxycarbonyl)ethyl]-7-fluoro-5,6-dihydropyrrolo[2,1-
alisoquinoline
                823821-04-1P.
1-(Methoxycarbonyl)-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-5-
methyl-3-methyl-7-chloro-5,6-dihydropyrrolo[2,1-a]isoquinoline
823821-05-2P, 1-(Methoxycarbonyl)-2-(4-hydroxy-3,5-dimethylphenyl)-
8,9-dimethoxy-5-methyl-3-[2-(methoxycarbonyl)ethyl]-7-chloro-5,6-
dihydropyrrolo[2,1-a]isoquinoline
                                   823821-08-5P,
1-(Methoxycarbonyl)-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-5-cvano-
3-methyl-7-chloro-5,6-dihydropyrrolo[2,1-a]isoquinoline
823821-09-6P, 1-(Methoxycarbonyl)-2-(4-hydroxy-3,5-dimethylphenyl)-
8,9-dimethoxy-5-cyano-3-[2-(methoxycarbonyl)ethyl]-7-chloro-5,6-
dihydropyrrolo[2,1-a]isoquinoline
                                  823821-10-9P,
1-Cyano-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-5-methyl-3-ethyl-
5,6-dihydropyrrolo[2,1-a]isoquinoline 823821-12-1P,
1-Cyano-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-5-methyl-3-ethyl-7-
fluoro-5,6-dihydropyrrolo[2,1-a]isoquinoline
                                             823821-13-2P.
1-(Ethoxycarbonyl)-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-5-methyl-
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3-ethyl-7-fluoro-5,6-dihydropyrrolo[2,1-a]isoquinoline
823821-18-7P, 1-Cvano-2-(4-hvdroxy-3,5-dimethvlphenyl)-8,9-
dimethoxy-5-cyano-3-ethyl-5,6-dihydropyrrolo[2,1-a]isoquinoline
823821-19-8P, 1-(Ethoxycarbonyl)-2-(4-hydroxy-3,5-dimethylphenyl)-
8,9-dimethoxy-5-cyano-3-ethyl-5,6-dihydropyrrolo[2,1-a]isoquinoline
823821-20-1P, 1-Cyano-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-
dimethoxy-5-cyano-3-ethyl-7-fluoro-5,6-dihydropyrrolo[2,1-a]isoguinoline
823821-21-2P, 1-(Ethoxycarbonyl)-2-(4-hydroxy-3,5-dimethylphenyl)-
8,9-dimethoxy-5-cvano-3-ethyl-7-fluoro-5,6-dihydropyrrolo[2,1-
alisoquinoline
               823821-22-3P.
1-Cyano-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-5-methyl-3-ethyl-7-
chloro-5,6-dihydropyrrolo[2,1-a]isoquinoline 823821-23-4P,
1-(Ethoxycarbonyl)-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-5-methyl-
3-ethyl-7-chloro-5,6-dihydropyrrolo[2,1-a]isoquinoline
823821-26-7P, 1-Cyano-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-
dimethoxy-5-cyano-3-ethyl-7-chloro-5,6-dihydropyrrolo[2,1-a]isoquinoline
823821-27-8P, 1-(Ethoxycarbonyl)-2-(4-hydroxy-3,5-dimethylphenyl)-
8,9-dimethoxy-5-cyano-3-ethyl-7-chloro-5,6-dihydropyrrolo[2,1-
alisoquinoline 823821-28-9P,
1-(Methoxycarbonyl)-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-5-
methyl-3-ethyl-5,6-dihydropyrrolo(2,1-a)isoguinoline
823821-29-0P, 1-(Methoxycarbonyl)-2-(4-hydroxy-3,5-dimethylphenyl)-
8.9-dimethoxy-5-methyl-3-ethyl-7-fluoro-5.6-dihydropyrrolo(2.1-
                823821-32-5P.
alisoquinoline
1-(Methoxycarbonyl)-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-5-cyano-
3-ethvl-5,6-dihvdropvrrolo[2,1-a]isoquinoline 823821-33-6P,
1-(Methoxycarbonyl)-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-5-cyano-
3-ethyl-7-fluoro-5,6-dihydropyrrolo[2,1-a]isoquinoline
823821-34-7P, 1-(Methoxycarbony1)-2-(4-hydroxy-3,5-dimethylpheny1)-
8,9-dimethoxy-5-methyl-3-ethyl-7-chloro-5,6-dihydropyrrolo[2,1-
                823821-37-0P,
a]isoquinoline
1-(Methoxycarbonvl)-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-5-cyano-
3-ethyl-7-chloro-5,6-dihydropyrrolo[2,1-a]isoquinoline
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)
   (inhibitor; preparation of pyrrolodihydroisoguinolines as PDE10 inhibitors)
823819-99-4 CAPLUS
Pvrrolo[2,1-a]isoquinoline-1-carboxvlic acid,
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5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-3,5,5-trimethyl-

, ethyl ester (CA INDEX NAME)

RN 823820-00-4 CAPLUS

RN

CN

CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 5,6-dihydro-8,9-dimethoxy-3,5,5-trimethyl-2-(3,4,5-trimethoxyphenyl)-, ethyl ester (CA INDEX NAME)

- RN 823820-01-5 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 2-[3-(4-chlorophenoxy)pheny]]-5,6-dihydro-8,9-dimethoxy-3,5,5-trimethyl-, ethyl ester (CA INDEX NAME)

- RN 823820-02-6 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 2-[3-(dimethylamino)phenyl]-5,6-dihydro-8,9-dimethoxy-3,5,5-trimethyl-, ethyl ester (CA INDEX NAME)

- RN 823820-03-7 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-3,5-dimethyl-,

ethyl ester (CA INDEX NAME)

- RN 823820-04-8 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 5-ethyl-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-3methyl-, ethyl ester (CA INDEX NAME)

- RN 823820-07-1 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 3-ethyl-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-5-methyl-, ethyl ester (CA INDEX NAME)

- RN 823820-08-2 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 5,6-dihydro-8,9-dimethoxy-3,5-dimethyl-2-(3,4,5-trimethoxyphenyl)-, ethyl ester (CA INDEX NAME)

RN 823820-09-3 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 5,6-dihydro-8,9-dimethoxy-3,5-dimethyl-2-(1-naphthalenyl)-, ethyl ester (CA INDEX NAME)

RN 823820-15-1 CAPLUS

Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 5-ethy1-5,6-dihydro-8,9-dimethoxy-3-methy1-2-(1-naphthaleny1)-, ethyl ester (CA INDEX NAME)

CN

RN 823820-16-2 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-7,8,9-trimethoxy-3,5-dimethyl-, ethyl ester (CA INDEX NAME)

RN 823820-17-3 CAPLUS

Pyrrolo[2,1-a]isoquinoline-1,5-dicarboxylic acid, CN 5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-, 1-ethyl 5-methyl ester (CA INDEX NAME)

- RN 823820-18-4 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-3-propanoic acid, 1-(ethoxycarbony1)-5,6-dihydro-8,9-dimethoxy-5-methy1-2-(1-naphthaleny1)-, methyl ester (CA INDEX NAME)

- RN 823820-25-3 CAPLUS

- RN 823820-26-4 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-1-carbonitrile, 5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-3,5-dimethyl-(CA INDEX NAME)

RN 823820-28-6 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1-carbonitrile, 7-fluoro-5,6-dlhydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-3,5-dimethyl- (CA INDEX NAME)

RN 823820-32-2 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1-carbonitrile, 5,6-dihydro-6,9-dimethoxy-2-(4-methoxy-3,5-dimethylphenyl)-3,5-dimethyl-(CA INDEX NAME)

RN 823820-44-6 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1-carbonitrile,
5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-5-methyl-3-(4-morpholinylmethyl)- (CA INDEX NAME)

- RN 823820-46-8 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-1-carbonitrile,
 5,6-dihydro-8,9-dimethoxy-3,5-dimethyl-2-(4-nitrophenyl)- (CA INDEX NAME)

- RN 823820-47-9 CAPLUS
- CN Benzoic acid, 4-(1-cyano-5,6-dihydro-8,9-dimethoxy-3,5-dimethylpyrrolo[2,1-a]isoquinolin-2-y1)- (CA INDEX NAME)

- RN 823820-48-0 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-1-carbonitrile,

2-(4-aminopheny1)-5,6-dihydro-8,9-dimethoxy-3,5-dimethyl- (CA INDEX NAME)

- RN 823820-50-4 CAPLUS
- CN Benzoic acid, 4-(1-cyano-8-ethoxy-5,6-dihydro-9-methoxy-3,5-dimethylpyrrolo[2,1-a]isoquinolin-2-yl)- (CA INDEX NAME)

- RN 823820-51-5 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-1-carbonitrile, 5,6-dihydro-2-(4-hydroxy-2-methylphenyl)-8,9-dimethoxy-3,5-dimethyl- (CA INDEX NAME)

- RN 823820-52-6 CAPLUS
- CN Benzamide, 4-(1-cyano-5,6-dihydro-8,9-dimethoxy-3,5-dimethylpyrrolo[2,1-a]isoquinolin-2-yl)- (CA INDEX NAME)

RN 823820-53-7 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1-carbonitrile, 8-ethoxy-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-9-methoxy-3,5-dimethyl- (CA INDEX NAME)

RN 823820-57-1 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1-carbonitrile, 5,6-dihydro-8,9-dimethoxy-3,5-dimethyl-2-[4-(2H-tetrazol-5-y1)phenyl]-(CA INDEX NAME)

RN 823820-58-2 CAPLUS

CN 4-Morpholinesulfonamide, N-[4-(1-cyano-5,6-dihydro-8,9-dimethoxy-3,5-dimethylpyrrolo[2,1-a]isoquinolin-2-yl)phenyl]- (CA INDEX NAME)

- RN 823820-59-3 CAPLUS
- CN Methanesulfonamide, N-[4-(1-cyano-5,6-dihydro-8,9-dimethoxy-3,5-dimethylpyrrolo[2,1-a]isoquinolin-2-yl)phenyl]- (CA INDEX NAME)

- RN 823820-60-6 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 5-ethyl-2-(2-fluoro-3,4-dimethoxyphenyl)-5,6-dihydro-8,9-dimethoxy-3-methyl-, ethyl ester (CA INDEX NAME)

- RN 823820-62-8 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 7-chloro-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-3,5-dimethyl-, ethyl ester (CA INDEX NAME)

RN 823820-65-1 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-3,5-dimethyl-, methyl ester (CA INDEX NAME)

RN 823820-67-3 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 5-cyano-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-3methyl-, ethyl ester (CA INDEX NAME)

RN 823820-69-5 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-3-propanoic acid, 1-(ethoxycarbonyl)-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9dimethoxy-5-methyl-, methyl ester (CA INDEX NAME)

- RN 823820-70-8 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 7-fluoro-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-3,5-dimethyl-, ethyl-ester (CA INDEX NAME)

- RN 823820-71-9 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-3-propanoic acid, 1-cyano-7-fluoro-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9dimethoxy-5-methyl-, methyl ester (CA INDEX NAME)

- RN 823820-72-0 CAPLUS
 - Pyrrolo[2,1-a]isoquinoline-3-propanoic acid, 1-(ethoxycarbonyl)-7-fluoro-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-5-methyl-, methyl ester (CA INDEX NAME)

CN

- RN 823820-77-5 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-1,5-dicarbonitrile, 5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-3-methyl-INDEX NAME)

- RN 823820-78-6 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-3-propanoic acid, 1,5-dicyano-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-, methyl ester (CA INDEX NAME)

- RN 823820-79-7 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-3-propanoic acid, 5-cyano-1-(ethoxycarbonyl)-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-, methyl ester (CA INDEX NAME)

- RN 823820-80-0 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-1,5-dicarbonitrile,
 7-fluoro-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-3-methyl (CA INDEX NAME)

- RN 823820-81-1 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 5-cyano-7-fluoro-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9dimethoxy-3-methyl-, ethyl ester (CA INDEX NAME)

- RN 823820-82-2 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-3-propanoic acid, 1,5-dicyano-7-fluoro-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-, methyl ester (CA INDEX NAME)

RN 823820-83-3 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-3-propanoic acid, 5-cyano-1-(ethoxycarbonyl)-7-fluoro-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-, methyl ester (CA INDEX NAME)

RN 823820-84-4 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1-carbonitrile, 7-chloro-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-3,5-dimethyl- (CA INDEX NAME)

RN 823820-85-5 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-3-propanoic acid, 7-chloro-1-cyano-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9dimethoxy-5-methyl-, methyl ester (CA INDEX NAME)

- RN 823820-86-6 CAPLUS

- RN 823820-91-3 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-1,5-dicarbonitrile, 7-chloro-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-3-methyl (CA INDEX NABE)

- RN 823820-92-4 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 7-chloro-5-cyano-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9dimethoxy-3-methyl-, ethyl ester (CA INDEX NAME)

RN 823820-93-5 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-3-propanoic acid, 7-chloro-1,5-dicyano-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-, methyl ester (CA INDEX NAME)

RN 823820-94-6 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-3-propanoic acid, 7-chloro-5-cyano-1-(ethoxycarbonyl)-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-, methyl ester (CA INDEX NAME)

RN 823820-95-7 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-3-propanoic acid, 5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-1-(methoxycarbonyl)-5-methyl-, methyl ester (CA INDEX NAME)

- RN 823820-96-8 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid,
 7-fluoro-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-3,5-dimethyl-, methyl ester (CA INDEX NAME)

- RN 823820-97-9 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-3-propanoic acid, 7-fluoro-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-1-(methoxycarbonyl)-5-methyl-, methyl ester (CA INDEX NAME)

- RN 823821-00-7 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 5-cyano-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-3methyl-, methyl ester (CA INDEX NAME)

RN 823821-01-8 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-3-propanoic acid, 5-cyano-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-1-(methoxycarbonyl)-, methyl ester (CA INDEX NAME)

RN 823821-02-9 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 5-cyano-7-fluoro-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9dimethoxy-3-methyl-, methyl ester (CA INDEX NAME)

RN 823821-03-0 CAPLUS

CN Pyrrolo[2,1-a]isoguinoline-3-propanoic acid, 5-cyano-7-fluoro-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9dimethoxy-1-(methoxycarbonyl)-, methyl ester (CA INDEX NAME)

- RN 823821-04-1 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid,
 7-chloro-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-3,5dimethyl-, methyl ester (CA INDEX NAME)

- RN 823821-05-2 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-3-propanoic acid, 7-chloro-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-1-(methoxycarbonyl)-5-methyl-, methyl ester (CA INDEX NAME)

- RN 823821-08-5 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 7-chloro-5-cyano-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9dimethoxy-3-methyl-, methyl ester (CA INDEX NAME)

RN 823821-09-6 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-3-propanoic acid, 7-chloro-5-cyano-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9dimethoxy-1-(methoxycarbonyl)-, methyl ester (CA INDEX NAME)

RN 823821-10-9 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1-carbonitrile, 3-ethyl-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-5-methyl (CA INDEX NAME)

RN 823821-12-1 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1-carbonitrile, 3-ethyl-7-fluoro-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9dimethoxy-5-methyl- (CA INDEX NAME)

RN 823821-13-2 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 3-ethyl-7-fluoro-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9dimethoxy-5-methyl-, ethyl ester (CA INDEX NAME)

RN 823821-18-7 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1,5-dicarbonitrile, 3-ethyl-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy- (CA INDEX NAME)

RN 823821-19-8 CAPLUS

RN 823821-20-1 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1,5-dicarbonitrile,
 3-ethyl-7-fluoro-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9dimethoxy- (CA INDEX NAME)

RN 823821-21-2 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 5-cyano-3-ethyl-7-fluoro-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9dimethoxy-, ethyl ester (CA INDEX NAME)

RN 823821-22-3 CAPLUS

RN 823821-23-4 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 7-chloro-3-ethyl-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-5-methyl-, ethyl ester (CA INDEX NAME)

RN 823821-26-7 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1,5-dicarbonitrile, 7-chloro-3-ethyl-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9dimethoxy- (CA INDEX NAME)

RN 823821-27-8 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid,
7-chloro-5-cyano-3-ethyl-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9dimethoxy-, ethyl ester (CA INDEX NAME)

RN 823821-28-9 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 3-ethyl-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-5-methyl-, methyl ester (CA INDEX NAME)

RN 823821-29-0 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 3-ethyl-7-fluoro-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9dimethoxy-5-methyl-, methyl ester (CA INDEX NAME)

RN 823821-32-5 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 5-cyano-3-ethyl-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-, methyl ester (CA INDEX NAME)

RN 823821-33-6 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 5-cyano-3-ethyl-7-fluoro-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9dimethoxy-, methyl ester (CA INDEX NAME)

RN 823821-34-7 CAPLUS

CN Pyrrolo[2,1-a]isoguinoline-1-carboxylic acid, 7-chloro-3-ethyl-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9dimethoxy-5-methyl-, methyl ester (CA INDEX NAME)

RN 823821-37-0 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 7-chloro-5-cyano-3-ethyl-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9dimethoxy-, methyl ester (CA INDEX NAME)

OSC.G 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)
RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2011 ACS on STN

- AB The invention relates to the use of a pyrrolo[2,1-a]isoquinoline structure-element I [wherein R1 = Halo, nitro, amino, alkyl, hydroxyl or (cvclo)alkoxv; R2 = H, halo or alkoxv; R3 = H or alkoxv; R4 = H, F, C1, alkyl, CF3, cyclopropyl, cyano, ester or (un) substituted methoxy; R41 = H or alkyl; R5 = H, F or alkyl; R51 = H or alkyl; R6 = amino, formyl or (un) substituted alkyl; R7 is undefined; R8 = alkyl, Ph, cyano or carbonyl; etc., or their salts, stereoisomers, hydrates and hydrates of the salts of these compds.] as an integral part of the overall structure of compds., which inhibit PDE10. Thus, (6,7-dimethoxy-3,4-dihydro-2H-isoquinolin-1vlidene) -acetic acid Et ester was reacted with nitroethane and 4-hydroxy-3,5-dimethylbenzaldehyde to afford II. Exemplary compds. showed inhibition against PDE10A with log IC50 (mol/L) values of 7.01-9.58 in the phosphodiesterase scintillation proximity assay. Therefore, I and pharmaceutical compds. thereof are useful in the treatment of central nervous system disorders, diabetes, neurol. and/or psychiatric disorders, or in the regulation of fertility.
- AN 2005:29202 CAPLUS
- DN 142:134478
- TI Pyrrolo-dihydroisoquinoline derivatives as PDE10 inhibitors
- IN Maier, Thomas; Graedler, Ulrich; Baer, Thomas; Vennemann, Matthias

Altana Pharma A.-G., Germany

PA

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PCT Int. Appl., 58 pp.
    CODEN: PIXXD2
DT
    Patent.
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    English
FAN.CNT 2
                       KIND DATE APPLICATION NO.
     PATENT NO.
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    WO 2005002579
                        A1 20050113 WO 2004-EP51308 20040630
PT
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                             20030630
PRAI EP 2003-14425
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     US 2003-451282P
                              20030304
     WO 2004-EP51308
                        W
                              20040630
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OS CASREACT 142:134478; MARPAT 142:134478
IT
    823819-99-4P 823820-00-4P 823820-01-5P
     823820-02-6P 823820-04-8P 823820-07-1P
     823820-08-2P 823820-09-3P 823820-15-1P
     823820-16-2P 823820-18-4P 823820-25-3P
     823820-26-4P 823820-28-6P 823820-32-2P
     823820-44-6P 823820-46-8P 823820-47-9P
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     823820-58-2P 823820-59-3P 823820-60-6P
     823820-62-8P 823820-65-1P 823820-67-3P
    RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
    (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
     (Uses)
        (pyrrolo-dihydroisoquinoline derivs. as PDE10 inhibitors)
    823819-99-4 CAPLUS
RN
CN
    Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid,
     5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-3,5,5-trimethyl-
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, ethyl ester (CA INDEX NAME)

RN 823820-00-4 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 5,6-dihydro-8,9-dimethoxy-3-5,5-trimethyl-2-(3,4,5-trimethoxyphenyl)-, ethyl ester (CA INDEX NAME)

RN 823820-01-5 CAPLUS CN Pyrrolo[2,1-alisoqu

Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 2-[3-(4-chlorophenoxy)phenyl]-5,6-dihydro-8,9-dimethoxy-3,5,5-trimethyl-, ethyl ester (CA INDEX NAME)

RN 823820-02-6 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 2-[3-(dimethylamino)phenyl]-5,6-dihydro-8,9-dimethoxy-3,5,5-trimethyl-, ethyl ester (CA INDEX NAME)

RN 823820-04-8 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 5-ethyl-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-3-methyl-, ethyl ester (CA INDEX NAME)

RN 823820-07-1 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 3-ethyl-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-5-methyl-, ethyl ester (CA INDEX NAME)

RN 823820-08-2 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 5,6-dihydro-8,9-dimethoxy-3,5-dimethyl-2-(3,4,5-trimethoxyphenyl)-, ethyl ester (CA INDEX NAME)

- RN 823820-09-3 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 5,6-dihydro-8,9-dimethoxy-3,5-dimethyl-2-(1-naphthalenyl)-, ethyl ester (CA INDEX NAME)

- RN 823820-15-1 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 5-ethyl-5,6-dihydro-8,9-dimethoxy-3-methyl-2-(1-naphthalenyl)-, ethyl ester (CA INDEX NAME)

- RN 823820-16-2 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-7,8,9-trimethoxy-3,5-dimethyl-,ethyl ester (CA INDEX NAME)

- RN 823820-18-4 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-3-propanoic acid, 1-(ethoxycarbonyl)-5,6-dihydro-8,9-dimethoxy-5-methyl-2-(1-naphthalenyl)-, methyl ester (CA INDEX NAME)

RN 823820-25-3 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-3-propanoic acid, 1-cyano-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-5-methyl-, methyl ester (CA INDEX NAME)

RN 823820-26-4 CAPLUS

Pyrrolo[2,1-a]isoquinoline-1-carbonitrile,
5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-3,5-dimethyl(CA INDEX NAME)

CN

- RN 823820-28-6 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-1-carbonitrile, 7-fluoro-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-3,5-dimethyl- (CA INDEX NAME)

- RN 823820-32-2 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-1-carbonitrile, 5,6-dihydro-8,9-dimethoxy-2-(4-methoxy-3,5-dimethylphenyl)-3,5-dimethyl-(CA INDEX NAME)

- RN 823820-44-6 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-1-carbonitrile,
 5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-5-methyl-3-(4morpholinylmethyl)- (CA INDEX NAME)

- RN 823820-46-8 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-1-carbonitrile,
 5,6-dihydro-8,9-dimethoxy-3,5-dimethyl-2-(4-nitrophenyl)- (CA INDEX NAME)

- RN 823820-47-9 CAPLUS
- CN Benzoic acid, 4-(1-cyano-5,6-dihydro-8,9-dimethoxy-3,5-dimethylpyrrolo[2,1-a]isoquinolin-2-y1)- (CA INDEX NAME)

- RN 823820-48-0 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-1-carbonitrile,

2-(4-aminopheny1)-5,6-dihydro-8,9-dimethoxy-3,5-dimethy1- (CA INDEX NAME)

- RN 823820-50-4 CAPLUS
- CN Benzoic acid, 4-(1-cyano-8-ethoxy-5,6-dihydro-9-methoxy-3,5-dimethylpyrrolo[2,1-a]isoquinolin-2-yl)- (CA INDEX NAME)

- RN 823820-51-5 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-1-carbonitrile,
 5,6-dihydro-2-(4-hydroxy-2-methylphenyl)-8,9-dimethoxy-3,5-dimethyl- (CA
 INDEX NAME)

- RN 823820-52-6 CAPLUS
- CN Benzamide, 4-(1-cyano-5,6-dihydro-8,9-dimethoxy-3,5-dimethylpyrrolo[2,1-a]isoquinolin-2-yl)- (CA INDEX NAME)

RN 823820-53-7 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1-carbonitrile, 8-ethoxy-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-9-methoxy-3,5-dimethyl- (CA INDEX NAME)

RN 823820-57-1 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1-carbonitrile, 5,6-dihydro-8,9-dimethoxy-3,5-dimethyl-2-[4-(2H-tetrazol-5-y1)phenyl]-(CA INDEX NAME)

RN 823820-58-2 CAPLUS

CN 4-Morpholinesulfonamide, N-[4-(1-cyano-5,6-dihydro-8,9-dimethoxy-3,5-dimethylpyrrolo[2,1-a]isoquinolin-2-yl)phenyl]- (CA INDEX NAME)

- RN 823820-59-3 CAPLUS
- CN Methanesulfonamide, N-[4-(1-cyano-5,6-dihydro-8,9-dimethoxy-3,5-dimethylpyrrolo[2,1-a]isoquinolin-2-yl)phenyl]- (CA INDEX NAME)

- RN 823820-60-6 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 5-ethyl-2-(2-fluoro-3,4-dimethoxyphenyl)-5,6-dihydro-8,9-dimethoxy-3-methyl-, ethyl ester (CA INDEX NAME)

- RN 823820-62-8 CAPLUS
- CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 7-chloro-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-3,5-dimethyl-, ethyl ester (CA INDEX NAME)

RN 823820-65-1 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-3,5-dimethyl-, methyl ester (CA INDEX NAME)

RN 823820-67-3 CAPLUS

CN Pyrrolo[2,1-a]isoquinoline-1-carboxylic acid, 5-cyano-5,6-dihydro-2-(4-hydroxy-3,5-dimethylphenyl)-8,9-dimethoxy-3methyl-, ethyl ester (CA INDEX NAME)

OSC.G 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (6 CITINGS)
RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT